



Acryloyl Engineered Polymer Panels Chemical / Stain Resistance

The following reagents show no lasting effects on the surface of Arcoplast panels. Engineered Polymer Panels were tested to the ISFA 2-01 Cleanability/Stain Resistance standard. Chemical reagents were placed on the surface for 16 hours*. After the 16 hour period, reagents were removed using the cleaning methods described in each referenced standard.

Chemical Resistance - Arcoplast Engineered Polymer Panels

Acetic Acid (10%)	Mineral Oil
Acetone	Nail Polish Remover
Acridine Orange	Naphtha
AG Eosin Blue (5%)	Napthalene
AG Gentian Violet	Nitric Acid (6%)
Ammonia (10%)	Olive Oil
Ammonium Hydroxide (28%)	Pencil Lead
Amyl Acetate	Perchloric Acid
Amyl Alcohol	Permanent Marker Ink
Aromatic Ammonia	Picric Acid
B-4 Body Conditioner	Pig Blood
Ball Point Ink Pen	Pine Oil
Betadine Solution	Povidone Iodine (10%)
Bite Registration Accelerator (2% Eugenol)	Yellow Mustard
Bite Registration Base	Salt (Sodium Chloride)
Black Paste Shoe Polish	Silica Dental Cement (liquid)
Bleach (Household)	Silver Nitrate (10%)
Blood	Soapless Detergents
Butyl Acetate	Sodium Bisulfate
Butyl Alcohol	Sodium Hydroxide (<10%)
Butyl Ether	Sodium Hypochlorite (5%)
Catsup	Sodium Sulfate (10%)
Chlorine Dioxide	Soy Sauce
Citric Acid (10%)	Sugar (sucrose)
Coffee	Tea
Cupra Ammonia	Toluene
Dishwashing Liquid (Cascade)	Tomato Juice
Dishwashing Liquid (Dawn)	Trisodium Phosphate (5%)
Distilled Water	Urea (6%)
Equalizing Accelerator	Uric Acid
Ethanol	Urine
Ethyl Acetate	Vegetable Oil
Ethyl Alcohol (90%)	Vinegar
Formaldehyde	Wax Crayon
Formalin	Wet Pekoe Tea Bag
Gasoline	Wine
Hexane	Xylene
Household Soaps	Zinc Chloride (10%)
Hydrogen Peroxide	
Hydrogen Peroxide Solution (3%)	
Instant Coffee	
Isopropyl Alcohol (90%)	
Lemon Juice	
Lye Solution (1-2%)	
Mercurochrome (2%)	
Methanol	
Methyl Acetate	
Methyl Alcohol	
Methyl Ethyl Ketone	
Methyl Orange (1%)	
Methyl Red (1%)	

Chemicals to Avoid. These reagents may cause surface changes on the sheet that are more difficult to remove than reagents in the previous chart.

Bite Registration Mix 50/50
Dry-Bond Dental Adhesive
Eosine Methylene Blue
Hydrochloric Acid 20%
Nail Polish
Nitric Acid 25%
Sodium Hydroxide Solution 25%
Sulfuric Acid 25%

* Although the 16 hour period is standard test procedure, it is recommended to remove chemicals as soon as possible to prevent most damage to the surface.